

QA/QC Report

Course for Software Acquisition Website (C-SAWS)
Version 7.2

22 March 2001

Reference: C-SAWS Test and Evaluation Master Plan (Revision 3)

1. The Course for Software Acquisition Website (C-SAWS) was tested against the critical, technical, test parameters listed in Table 1 of the C-SAWS TEMP (Revision 3). The results are summarized in the Likert scale ratings in the Test Log and Results.
2. In addition, C-SAWS was tested against the requirements listed in Annex A of the C-SAWS TEMP. Evaluation of this project is difficult, and is prone to personal interpretation, not unlike the operational evaluation of any human interface intensive system in the 'real world'. To provide a standard of measurement, the following recommended method for evaluating compliance using a "Likert" acceptability scale is provided:

- A grade of 5 means the functionality, appearance, or description exceeds the requirement
- A grade of 4 means the functionality, appearance, or description meets the criteria provided
- A grade of 3 means the functionality, appearance, or description does not meet the criteria provided; however, the deficiency(ies) can be described as minor and are limited to inconveniences to the typical user but do not degrade the principal mission of the site.
- A grade of 2 means the functionality, appearance, or description does not meet the description provided, and the deficiency(ies) can be described as major, i.e. those which fail to meet any critical technical performance threshold, or which cause catastrophic failure of the site, or which significantly degrade the performance such that the requirement is not met.
- A grade of 1 will be assigned to any requirement that is not available for test or evaluation

3. Rating Quantification: Each configuration item in the WBS was evaluated with the Likert scale based on its content, functionality, performance, and support. Each rating is subsequently listed in the Test Log and Results. Each CI is considered from all the aforementioned aspects and is provided only one rating. The comments in the "Action" column specify the exact shortcoming or needed changes that justify a particular rating.

| | | Developm ental Test | Contractor CM Team | | Developmental Test | | |
|---------|------------------------------|------------------------|---------------------------------------|--------|--------------------|-----------------------|--------|
| Item # | Req. Description | Metric Used | Action Taken | Date | Result | Action | Date |
| 1.1 | Intro/Purpose Folder | All | | | | | |
| | | | | | | | |
| 1.2 | Continuity/Turnover Folder | All | | | | | |
| 1.2.1 | PDSS Manual | | | | | | |
| 1.2.2 | Photo Page | E | Reviewed. Approved For Test | 1-Mar | Pass | Forwarded For OP Test | 1-Mar |
| 1.2.3.1 | CDR Briefing Slides | All | | | | | |
| 1.2.4 | Cost and Schedule Data | All | Reviewed. Sent Back for Correction | 8-Mar | | | |
| | | | Reviewed. Approved For Test | 12-Mar | Pass | Forwarded For OP Test | 12-Mar |
| 1.2.5 | Calibration Calculations | E | | | | | |
| 1.2.6 | Test Report, Log and Results | All | | | | | |
| 1.2.7 | RFP and Contract | A,B,C,D | Reviewed. Approved For Test | 1-Mar | Pass | Forwarded For OP Test | 1-Mar |
| 1.2.7.1 | SAMP | A,B,C,D | Reviewed. Approved For Test | | Pass | Forwarded For OP Test | |
| 1.2.8.1 | IOC Compliance Matrix | All | Reviewed. Sent Back for Correction | 8-Mar | | | |
| | | | Reviewed. Approved For Test | 12-Mar | Pass | Forwarded For OP Test | 12-Mar |
| 1.2.8.2 | Risk Management Plan | A,B,C,D | Reviewed. Approved For Test | 6-Mar | Pass | Forwarded For OP Test | 6-Mar |
| 1.2.8.3 | Innovation Plan | A,B,C,D | Reviewed. Approved For Test | 6-Mar | Pass | Forwarded For OP Test | 6-Mar |
| 1.2.8.4 | TEMP | A,B,C,D | Reviewed. Approved For Test | 1-Mar | Pass | Forwarded For OP Test | 1-Mar |
| 1.2.8.5 | WBS | A,B,C,D | | | | | |
| 1.2.8.6 | Maintenance Module | A,B,C,D | Reviewed. Approved For Test | 6-Mar | Pass | Forwarded For OP Test | 6-Mar |
| 1.2.8.9 | Change Log | All | Under Construction but looks good | | | | |
| | Configuration Mgmt Plan | A,B,C,D | | | | | |
| | | | | | | | |

| | | Operational Test | | | |
|---------|------------------------------|------------------|--|--------|-----------|
| Item # | Req. Description | Result | Action | Date | LS Rating |
| 1.1 | Intro/Purpose Folder | Pass | Bad Design. User thinks there are links in the text. | 16-Mar | 4 |
| 1.2 | Continuity/Turnover Folder | Pass | | 16-Mar | 5 |
| 1.2.1 | PDSS Manual | Pass | Spelling and Grammar | 16-Mar | 4 |
| 1.2.2 | Photo Page | Pass | | 16-Mar | 5 |
| 1.2.3.1 | CDR Briefing Slides | Pass | | 16-Mar | 5 |
| 1.2.4 | Cost and Schedule Data | | | | |
| | | Reviewed | Not present | 21-Mar | 1 |
| 1.2.5 | Calibration Calculations | Pass | Alignment of text problems | 21-Mar | 4 |
| 1.2.6 | Test Report, Log and Results | Pass | Mistitled | 21-Mar | 4 |
| 1.2.7 | RFP and Contract | Pass | | 16-Mar | 5 |
| 1.2.7.1 | SAMP | Pass | Spelling and Grammar | 16-Mar | 4 |
| 1.2.8.1 | IOC Compliance Matrix | | | | |
| | | Reviewed | Not present | 16-Mar | |
| 1.2.8.2 | Risk Management Plan | Pass | Spelling and Grammar | 16-Mar | 4 |
| 1.2.8.3 | Innovation Plan | Pass | | 16-Mar | 5 |
| 1.2.8.4 | TEMP | Pass | | 16-Mar | 5 |
| 1.2.8.5 | WBS | | No link | 21-Mar | 1 |
| 1.2.8.6 | Maintenance Module | Pass | Spelling and Grammar | 16-Mar | 4 |
| 1.2.8.9 | Change Log | Reviewed | Not present | 16-Mar | 1 |
| | Configuration Mgmt Plan | Pass | Spelling and Grammar | 21-Mar | 4 |
| | | | | | |

| | | Developm | Contractor CM | | Developmental Test | | |
|--------|---|-------------|-----------------------------|--------|--------------------|-----------------------|--------|
| | | ental Test | Team | | | | |
| Item # | Req. Description | Metric Used | Action Taken | Date | Result | Action | Date |
| | | | | | | | |
| 1.3 | Online Resource Manuals | A,B,C,D | | | | | |
| 1.3.1 | Acquisiton Links | A,B,C,D | | | | | |
| 1.3.2 | Business/Mangement Practices | A,B,C,D | | | | | |
| 1.3.3 | Company/Corporation Information | A,B,C,D | | | | | |
| 1.3.4 | DoD and Defense Links | A,B,C,D | | | | | |
| 1.3.5 | Funds Management | A,B,C,D | | | | | |
| 1.3.6 | Government Information | A,B,C,D | | | | | |
| 1.3.7 | Military Service Branches | A,B,C,D | | | | | |
| 1.3.8 | Regulations, Rules and Standards | A,B,C,D | | | | | |
| 1.3.9 | Software Acquisition | A,B,C,D | | | | | |
| 1.3.10 | Internet Search | A,B,C,D | | | | | |
| | | | | | | | |
| 1.4 | Real World Sites / examples | All | Part of Links Page. All OK | 27-Feb | Pass | Forwarded For OP Test | 27-Feb |
| 1.4.1 | Army Web Sites | All | Part of Links Page. All OK | 27-Feb | Pass | Forwarded For OP Test | 27-Feb |
| 1.4.2 | MARCORP SYSCOM | E | | | | | |
| | | | | | | | |
| 1.5 | Example / Exercise Folder | All | | | | | |
| 1.5.1 | Configuration Mgmt Table/Log | All | Reviewed. Approved For Test | 6-Mar | Pass | Forwarded For OP Test | 6-Mar |
| 1.5.2 | FP Example | All | | | | | |
| | | | | | | | |
| | Metrics | | | | | | |
| | A - Check site for grammatical errors - Spell Check | | | | | | |
| | B - Ensure page loads in < 10 sec | | | | | | |
| | C - Ensure Site is viewable from PC | | | | | | |
| | D - Check for Architectural Design | | | | | | |
| | E - Ensure Links and Photos are Operational | | | | | | |

| | | Operational Test | | | |
|--------|---|--|-----------------|--------|-----------|
| Item # | Req. Description | Result | Action | Date | LS Rating |
| | | | | | |
| 1.3 | Online Resource Manuals | Pass | | 16-Mar | 5 |
| 1.3.1 | Acquisition Links | Pass | | 16-Mar | 5 |
| 1.3.2 | Business/Mangement Practices | Pass | | 16-Mar | 5 |
| 1.3.3 | Company/Corportation Information | Pass | | 16-Mar | 5 |
| 1.3.4 | DoD and Defense Links | Pass | | 16-Mar | 5 |
| 1.3.5 | Funds Management | Pass | | 16-Mar | 5 |
| 1.3.6 | Government Information | Pass | | 16-Mar | 5 |
| 1.3.7 | Military Service Branches | Pass | | 16-Mar | 5 |
| 1.3.8 | Regulations, Rules and Standards | Pass | | 16-Mar | 5 |
| 1.3.9 | Software Acquisition | Pass | | 16-Mar | 5 |
| 1.3.10 | Internet Search | Pass | | 16-Mar | 5 |
| | | | | | |
| 1.4 | Real World Sites / examples | Pass | | 16-Mar | 5 |
| 1.4.1 | Army Web Sites | Pass | | 16-Mar | 5 |
| 1.4.2 | MARCORP SYSCOM | Reviewed | No working link | 21-Mar | 1 |
| | | | | | |
| 1.5 | Example / Exercise Folder | Pass | | 16-Mar | 5 |
| 1.5.1 | Configuration Mgmt Table/Log | Reviewed | Missing Log | 16-Mar | 2 |
| 1.5.2 | FP Example | Pass | | 16-Mar | 5 |
| | | | | | |
| | Metrics | Spelling and grammar errors averaged less than 5 per CI. | | | |
| | A - Check site for grammatical errors - Spell Check | | | | |
| | B - Ensure page loads in < 10 sec | | | | |
| | C - Ensure Site is viewable from PC | | | | |
| | D - Check for Architectural Design | | | | |
| | E - Ensure Links and Photos are Operational | | | | |